

INFORMATION DISCLOSURE CITATION IN AN APPLICATION				ATTY. DOCKET NO. 61352-045		SERIAL NO.	
(PTO-1449)				APPLICANT Hidenobu YAKU, et al.			
				FILING DATE October 01, 2003		GROUP	
U.S. PATENT DOCUMENTS							
EXAMINER'S INITIALS	CITE NO.	Document Number Number-Kind Code ₂ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
		US					
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FOREIGN PATENT DOCUMENTS							
EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Code ₃ -Number 4 -Kind Codes (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation	
						Yes	No
		JP 61-12300 (w/ English Abstract)	01/20/1986	FUJIREBIO INC.			
		WO 98/13523	04/02/1998	PYROSE-QUENCING AB			
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					
		Yoichi NAKANISHI et al., "Mutagenic Analysis of Functional Residues in Putative Substrate-binding Site and Acidic Domains of Vacuolar H ⁺ -Pyrophosphatase", The Journal of Biological Chemistry, March 9, 2001 Issue, pages 7654-7660, Vol. 276, No. 10, Printed in U.S.A.					
		Masayoshi MAESHIMA et al., "Vacuolar H ⁺ - pyrophosphatase", (2000), pages 37-51, Laboratory of Biochemistry, Graduate School of Bioagricultural Sciences, Nagoya University, Nagoya, Japan.					
		Yoichi NAKANISHI et al., "Molecular Cloning of Vacuolar H ⁺ -Pyrophosphatase and Its Developmental Expression in Growing Hypocotyl of Mung Bean ¹ ", Plant Physiol., (1998), pages 589-597, 116, Laboratory of Biochemistry, Graduate School of Bioagricultural Sciences, Nagoya University, Nagoya, Japan.					
		Masayoshi MAESHIMA et al., "Purification and Properties of Vacuolar Membrane Protontranslocation Inorganic Pyrophosphatase from Mung Bean", The Journal of Biological Chemistry, November 25, 1989 Issue, pages 20068-20073, Vol. 264, No. 33, Institute of Low Temperature Science, Hokkaido University, Sapporo, Japan.					
EXAMINER				DATE CONSIDERED			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

Docket No.: 61352-045

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	:	Customer Number: 20277
	:	
Hideobu YAKU, et al.	:	Confirmation Number:
	:	
Serial No.:	:	Group Art Unit:
	:	
Filed: October 01, 2003	:	Examiner:
	:	
For:		METHOD FOR DETECTING EXTENSION REACTION WITH PRIMERS, METHOD FOR DISTINGUISHING KIND OF BASES, APPARATUS FOR DISTINGUISHING KIND OF BASES, APPARATUS FOR DETECTING PYROPHOSPHATE, METHOD FOR DETECTING NUCLEIC ACID, AND TIP TO MOUNT SAMPLE SOLUTION

INFORMATION DISCLOSURE STATEMENT

Mail Stop
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Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO-1449. It is respectfully requested that the documents be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

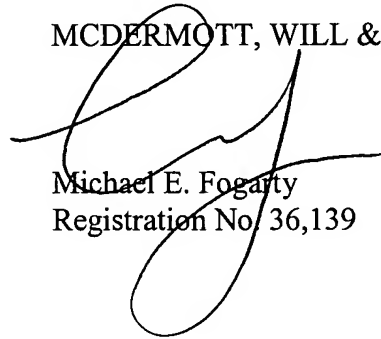
This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

Serial No.:

Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

MCDERMOTT, WILL & EMERY

A handwritten signature in black ink, appearing to read "Michael E. Fogarty", is written over the printed name and registration number.

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